

b. Amendments to the Specification

At page 2, after line 4, please insert the following paragraph.

In some embodiments of the above-apparatus, in response to receiving input light at the first partial polarization splitter, the first splitter transmits to the first optical output light having an intensity proportional to an intensity of a projection of the input light onto a first vector, the second partial polarization splitter transmits to the third optical output light whose intensity is substantially proportional to an intensity of a projection of the input light onto a second vector, and the ordinary splitter transmits to the fifth optical output light whose intensity is substantially proportional to an intensity of a projection of the input light onto a third vector. The first, second, and third vectors are basis vectors of a tetrahedral basis set.